

A stator iron core 21 is formed by laminated iron cores 21a, in which a plurality of slots 24 are shaped with predetermined pitches in a peripheral direction. At

least a portion of the laminated iron cores 21a corresponding to an end surface 27 of the stator iron core and inner peripheral walls of the slots 24 are coated with an insulative resin 100 to insulate the stator iron core 21 from a stator winding 22, whereby an insulating capability between the slots and the winding is high, and an a.c. generator for vehicle is easily produced with a low cost.